

# SAFETY DATA SHEET

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

Issue Date 2009-05-21

Revision Number: 3

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## Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

### 1.1. Product identifier

Product code U1A210  
Product name AGITAN® A210

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended Use Anti-foaming agent (defoamer)

### 1.3. Details of the supplier of the safety data sheet

Manufacturer Munzing - Ultra Additives LLC.  
1455 Broad Street  
Bloomfield NJ 07003  
United States

Email: info@munzing.us  
Phone: 1-973-279-1306

### 1.4. Emergency telephone number

CHEMTREC (24 hrs - for spill, leak or transportation incidents):  
US: 1-800-424-9300  
non-US: 1-703-527-3887

EU: +49 761 19240 (VIZ Freiburg)

## Section 2: HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

Classification according to Directive 67/548/EEC or 1999/45/EC.

### 2.2. Label Elements

Symbol Not dangerous

#### R-phrases

This product does not require any hazard labelling

#### S-phrases

This product does not require any hazard labelling

### 2.3. Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable

vPvB: Not applicable

## Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2. Mixtures

Chemical nature of the product Petroleum oil-based mixture

Component	CAS No	EC No.	REACH Reg. No	GHS(*)	Classification	% [weight]
Petroleum distillates, hydrotreated light paraffinic	64742-55-8	265-158-7	--	--		20 - 50
Petroleum distillates, solvent-refined light paraffinic	64741-89-5	265-091-3	--	--		20 - 50

Component	Note
Petroleum distillates, hydrotreated light paraffinic 64742-55-8 ( 20 - 50 )	H ,L
Petroleum distillates, solvent-refined light paraffinic 64741-89-5 ( 20 - 50 )	L

**EU Classification Note Text**

The classification corresponds to the current EU listing, but is enhanced by specialized literature data and the company's own information  
The classification as a carcinogen need not apply if it can be shown that the substance contains less than 3 % DMSO extract as measured by IP 346 "Determination of polycyclic aromatics in unused lubricating base oils and asphaltene free petroleum fraction"

**Full text of R-phrases: see section 16**

## Section 4: FIRST AID MEASURES

**4.1. Description of first aid measures**

<b>Eye Contact</b>	Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician.
<b>Skin Contact</b>	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.
<b>Ingestion</b>	Clean mouth with water. If swallowed, DO NOT induce vomiting.
<b>Inhalation</b>	Move victim to fresh air.

**4.2. Most important symptoms and effects, both acute and delayed**

Irritation.

**4.3. Indication of any immediate medical attention and special treatment needed**

Immediate medical attention is not required.

**Notes to Physician**

Treat symptomatically.

## Section 5: FIRE FIGHTING MEASURES

**5.1. Extinguishing media**

In case of fire, use water/water spray/water jet/carbon dioxide/sand/foam/alcohol resistant foam/chemical powder for extinction. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**5.2. Special hazards arising from the substance or mixture**

Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray.

**5.3. Advice for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## Section 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

Remove all sources of ignition. Avoid exceeding of the given occupational exposure limits (see section 8).

### 6.2. Environmental precautions

Avoid release to the environment. Do not allow to enter into surface water or drains. Do not flush into surface water or sanitary sewer system. Material becomes extremely slippery when wet. If the product contaminates rivers and lakes or drains inform respective authorities.

### 6.3. Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13).

Prevent spreading over a wide area (e.g. by containment or oil barriers) Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13)

### 6.4. Reference to other sections

Material can create slippery conditions

## Section 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment.

### 7.2. Conditions for safe storage, including any incompatibilities

Keep containers tightly closed in a cool, well-ventilated place.

### 7.3. Specific end use(s)

1.2. Relevant identified uses of the substance or mixture and uses advised against

## Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

#### Engineering Controls

Ensure adequate ventilation, especially in confined areas. In case of insufficient ventilation, wear suitable respiratory equipment.

Component	EU	United Kingdom	France	Spain	Germany
Aluminum, hydroxybis(octadecanoato-O)-)				VLA-ED: 10	
Paraffin waxes and Hydrocarbon waxes			VME: 2 mg/m <sup>3</sup>	VLA-ED: 2 mg/m <sup>3</sup> VLA-ED	

### 8.2. Exposure controls

#### Personal Protective Equipment:

##### Respiratory protection

If exposure limits are likely to be exceeded or if irritation or other symptoms are experienced, NIOSH/MSHA or EN 136 approved respiratory protection should be worn.

##### Eye Protection

Tight sealing safety goggles.

##### Skin protection

Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact. For operations where prolonged or repeated skin contact may occur, impervious gloves should be worn. PVC. Neoprene. PVA.

#### General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice. Take off contaminated clothing and wash before reuse. Do not get in eyes, on skin, or on clothing.

#### Environmental exposure controls

No information available.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

Typical properties provided; These values do not represent product specifications.

<b>Appearance</b>	Yellow
<b>Physical State</b>	Liquid
<b>Odor</b>	mild
<b>pH</b>	7 (20 g/L)@20C approx.
<b>Flash point</b>	> 100 °C
<b>Autoignition temperature</b>	No data available
<b>Boiling point</b>	No information available
<b>Melting point</b>	No information available
<b>Flammability</b>	No information available
<b>Explosive properties</b>	No information available
<b>Specific gravity</b>	0.88
<b>Solubility (water)</b>	Partly miscible
<b>Vapor pressure</b>	No information available
<b>Density</b>	No information available
<b>Oxidizing properties</b>	not an oxidizer
<b>VOC content (%)</b>	No information available
<b>Solid content (%)</b>	>96
<b>Viscosity</b>	~600 mPas @20C

### 9.2. Other information

None.

## Section 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

Stable under normal conditions.

### 10.2. Chemical stability

Stable under normal conditions

### 10.3. Possibility of hazardous reactions

Hazardous polymerization does not occur. Stable under normal conditions.

### 10.4. Conditions to avoid

Heat, flames and sparks.

### 10.5. Incompatible materials

Strong oxidizing agents.

### 10.6. Hazardous decomposition products

Thermal decomposition can lead to release of irritating and toxic gases and vapors. Carbon oxides.

## Section 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

#### Acute Toxicity

#### **Product Information**

Information given is based on data on the components and the toxicology of similar products.

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation
Petroleum distillates, hydrotreated light paraffinic	5000 mg/kg ( Rat )	2000 mg/kg ( Rabbit )	2.18 mg/L ( Rat ) 4 h
Petroleum distillates, solvent-refined light paraffinic	>3000 mg/kg (Rat)	>2000 mg/kg ( Rabbit )	-
Polyalkylene glycol	> 2000 mg/kg ( Rat )	-	-
Paraffin waxes and Hydrocarbon waxes	3750 mg/kg ( Rat )	3600 mg/kg ( Rabbit )	-

**Chronic Toxicity****Carcinogenicity**

This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP

**Irritation**

May cause transient irritation. Skin,rabbit:. Eye,rabbit:.

**Sensitization**

No known effect.

**Neurological Effects**

No information available.

**Mutagenic effects**

No information available.

**Reproductive Effects**

No information available.

**Developmental Effects**

No information available.

**Target Organ Effects**

Respiratory system, Skin.

**Other adverse effects**

None known.

## Section 12: ECOLOGICAL INFORMATION

**12.1. Toxicity****Ecotoxicity**

Discharge into the environment must be avoided

Component	Algae	Fish	Toxicity to Microorganisms	Daphnia magna
Polyalkylene glycol	-	LC50 (96h): >100 mg/L (Rainbow trout)	>1000 mg/L	EC50 (48 h): > 100 mg/l

**12.2. Persistence and degradability**

Not readily biodegradable.

**12.3. Bioaccumulative potential**

No information available

**12.4. Mobility in soil**

No information available

**12.5. Results of PBT and vPvB assessment**

No information available

**12.6. Other adverse effects**

No information available.

No information available.

## Section 13: DISPOSAL CONSIDERATIONS

**13.1. Waste treatment methods****Waste from residues/unused products**

Can be incinerated, when in compliance with local regulations

**Contaminated packaging**

Empty containers should be taken for local recycling, recovery or waste disposal. Do not burn, or use a cutting torch on, the empty drum.

**Waste codes / waste designations according to EWC / AVV**

No information available.

**Other information**

Waste codes should be assigned by the user based on the application for which the product was used.

## Section 14: TRANSPORT INFORMATION

**ADR/RID**

Not regulated

<b>14.1. UN number</b>	Not applicable
<b>14.2. UN proper shipping name</b>	Not applicable
<b>14.3. Transport hazard class(es)</b>	Not applicable
<b>14.4. Packing group</b>	Not applicable
<b>14.5. Environmental hazards</b>	Not applicable
<b>14.6. Special precautions for user</b>	Not applicable
<b>14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	Not applicable

**ICAO/IATA**

Not regulated

**IMDG/IMO**

Not regulated

## Section 15: REGULATORY INFORMATION

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

**WGK Classification (VwVwS)** Water endangering class = 1 (self estimation)

**15.2. Chemical safety assessment** Chemical safety assessments for substances in this preparation were not carried out.

**International Inventories**

All of the components in the product are on the following Inventory lists

<b>Canada (DSL)</b>	Complies
<b>China (IECSC)</b>	Complies
<b>Europe (EINECS/ELINCS/NLP)</b>	Complies
<b>Japan (METI)</b>	Complies
<b>South Korea (KECL)</b>	Complies
<b>Philippines (PICCS)</b>	Complies
<b>Australia (AICS)</b>	Complies
<b>US TSCA</b>	Complies

## Section 16: OTHER INFORMATION

**Full text of R-phrases referred to under sections 2 and 3**

Not applicable

**Full text of H-Statements referred to under sections 2 and 3**

Not applicable

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**Revision Note** Update to Format

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text

**End of Safety Data Sheet**